

Abstract

The invention relates to a field device for determining and/or monitoring at
5 least one process variable of a medium in a container. The field device
includes: at least one mechanically oscillatable unit (1) connected with the
container via a process connection (2); and at least one driver/receiver unit
(5), which excites the mechanically oscillatable unit (1) to oscillate, or
detects the oscillations of the mechanically oscillatable unit (1), as the case
10 may be. The invention includes that the mechanically oscillatable unit (1)
has at least three oscillatory members (10, 11, 12), that at least one
oscillatory member (10) is connected with the process connection (2) at an
attachment region (10.3), that the three oscillatory members (10, 11, 12)
can execute oscillations, which the driver/receiver unit (5) produces, or
15 detects, as the case may be, and that the three oscillatory members (10, 11,
12) are embodied and interconnected in such a manner and the attachment
region (10.3) is selected in such a manner, that an approximately defined
transfer of reaction forces and reaction torques occurs between the
mechanically oscillatable unit (1) and the process connection (2).

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(Fig. 1)